IN THE CLAIMS

Please amend claims as follows.

1-7. (canceled)

8. (currently amended) A method of manufacturing a surface treated oil well pipe ~~steel material~~ comprising performing chemical conversion treatment on an oil well pipe ~~a steel material~~ having a steel composition containing 0.5 – 13% Cr using a chemical conversion treatment liquid containing zinc and phosphoric acid or manganese and phosphoric acid and further containing potassium to form a chemical conversion film of a zinc-phosphate type or a manganese phosphate type, wherein the chemical conversion treatment is carried out in the absence of fluoride ions and further wherein a total acid number of the chemical conversion treatment liquid is at least 30 and less than 55 and a ratio of the total acid number to a free acid number is 3 to 15.

9. (currently amended) A method of manufacturing a surface treated oil well pipe ~~steel material~~ as claimed in claim 8 wherein the chemical conversion treatment liquid has a molar concentration of potassium-containing ions of at least 6×10^{-4}% and at most 7×10^{-1}%.

10. (currently amended) A method of manufacturing a surface treated oil well pipe ~~steel material~~ as claimed in claim 8 wherein chemical conversion treatment is

carried out by immersing the surface of the oil well pipe ~~steel material~~ in the chemical conversion treatment liquid at a temperature of 60 - 100°C for at least five minutes.

11. (currently amended) A method of manufacturing a surface treated oil well pipe ~~steel material~~ as claimed in claim 8 wherein the chemical conversion treatment is carried out by supplying the chemical conversion treatment to the surface of the oil well pipe ~~steel material~~ at a temperature of 60 - 100°C for at least five minutes.

12-23. canceled

24. (previously presented) The method of claim 8, wherein rinsing treatment with water and drying treatment is followed after the chemical conversion treatment.

25. (currently amended) The method of claim 8, wherein the chemical conversion film is formed on the steel surface of the oil well pipe when a product of chemical reaction between a solution and the surface of the oil well pipe ~~steel material~~ adheres to the steel surface in the chemical conversion treatment.

26. (new) The method of claim 8, wherein the ratio of the total acid number to the free acid number is 6 to 11.

27. (new) The method of claim 9, wherein the ratio of the total acid number to the free acid number is 6 to 11.